
Field of Invention

This invention relates to the current bassinets, but with the improvement of the hands free rocking motion. The hands free rocking motion is a benefit to the parents or any person who have lack of sleep and may fall asleep while trying to put baby to sleep. The timer is there, so if parent or a person gets side tracked or may fall asleep, baby wont be rocking for a long period of time. This bassinet is related to the tape players that are being used to record ones voice and play back, along with the play, fast forward, rewind, pause, stop, eject and tape turn over functions.

The invention which will be a benefit for the parent who can record their voices, sing or record their baby's voice and play it back for the baby. The baby will feel at ease because if baby is in the bassinet and parent is a couple of inches away, baby will still hear the parents voice and feel at ease while lying down. This is also a benefit when the parents has something to do around the house and want to put baby to sleep.

The curtains of the bassinet is one that would be different, the previous bassinet would use a basket like form to hold everything inside. Those previous bassinets do not have the storage compartments and the baskets cannot be moved like the curtains can to make it easier for the parent to grab the items placed on the bottom of the bassinet.

U.S. Pat. No. 4,891,852 has a similarity when it comes to the rocking motion of the bassinet, along with a hood or canopy over one end of the bassinet. This bassinet

doesn't have the current features of the automatic rocking motion with a timer, doesn't have the curtains or shelves used in this invention, doesn't have a microphone or a tape player along with it. This patent presents that there is a rocking motion in 2 ways and sits on four legs. This invention only rocks one way and doesn't stand on 4 legs.

U.S. Pat. No. 5,694,655 has a similarity when it comes to the rocking and the mattress assembly and the lock on the rocking method. This patent shows there is a handle to lock the rocking, but doesn't have the electronic signal to lock the rocking. This invention presents that the timer will lock the rocking for safety reasons. This patent shows a form of collapsing, which this invention does not present.

U.S. Pat. No. 6,470,516 has a similarity of the rocking motion of the bassinet and the baby sleeping area. This patent has a canopy or hood on one end to cover the baby head, along with the insert where the baby will be sleeping, but the frame of the bassinet beneath is formed differently. This patent doesn't show the automatic rocking motion with a timer, but does show the rocker can be unfold, which is not a feature of this invention.

U.S. Pat. No. 5,739,452 has a similarity to the recording of ones voice through the microphone. This patent is a karaoke apparatus that picks up a singing voice sound, which is similar to the microphone used for this bassinet, except doesn't have the mini wireless microphone like this invention does.

U.S. Pat. No. 4,396,957 has a similarity to the tape deck being used on the bassinet.

This patent is a tape control system to record through blank or unrecorded spaces, which is similar to the tape player used for this bassinet invention. This patent is not a compact tape player, which this bassinet invention tape player is, but will not have all the features this patent has.

SUMMARY OF INVENTION

The motor will be attached to the bottom middle of the bassinet to create the rocking movements. The tape player is to record ones voice to play back to the baby or to play music; this can be used for baby to listen to himself/herself talking, which intrigues babies. The classic music selection box is there for the baby to listen to classic music and 2 soothing noises. The microphones are to record baby if parent wants to record the baby's voice while baby is playing in the bassinet. The mattress is formed at two inches for comfort for the baby. The timer is there to keep track of how long the baby is rocking for. The vibration is there to soothe the baby while lying in the bassinet. The hanging toys are there to help baby get strength in the arms and help the baby's eyesight improve. The curtains are there so parent can open and close the bottom with ease to make it easier to grab the items needed. The shelves are there for the blankets; baby wipes; diapers; bottles or anything else placed down, so the rocking wont make the objects move out of place. The turning wheels are there so the bassinet can move from room to room, if turned out and turned in once the bassinet is going to be rocked.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1A is a diagram of mattress holder, the side view.

FIG. 1B is a diagram of mattress holder, the top view.

FIG. 1C is a diagram of mattress holder, the bottom view.

FIG. 2 is a diagram of the two inch mattress.

FIG. 3 is a diagram of a material that will be inserted into and around FIG. 1A, FIG. 1B, AND FIG. 1C.

FIG. 4 is a diagram of a lightweight metal bar that will be inserted into FIG. 5; there is a total of 2.

FIG. 5 is a diagram of a the curtain that will be placed on both sides of the bassinet.

FIG. 6 is a diagram of the fabric that will go on the bottom front and back inside ends of the bassinet.

FIG 7 is a diagram of the motor and it's connection.

FIG 8 is a diagram of the bottom base of the bassinet, where the shelves, the motor, the wires and plug wire will be inserted into.

FIG. 9 is a diagram of the shelf that will hold the baby wipes or something else.

FIG. 10 is a diagram of the shelf that will hold the diapers or something else.

FIG. 11 is a diagram of the shelf that will hold the blankets or something else.

FIG. 12 is a diagram of the small skinnier bottle holder.

FIG. 13 is a diagram of the small thicker bottle holder.

FIG. 14 is a diagram of the tall skinnier bottle holder.

FIG. 15 is a diagram of the tall thicker bottle holder.

FIG. 16 is a diagram of a metal piece that will support FIG. 1A, FIG. 1B, AND FIG. 1C.

FIG. 17A is a diagram front view of the main piece that will hold the bassinet together; the shape is what and how the bassinet will rock.

FIG 17B is a diagram inside view of the main piece that will hold the bassinet together; the shape is what and how the bassinet will rock.

FIG. 18 is a diagram of the canopy with 3 hanging toys.

FIG. 19 is a diagram of a small wireless microphone.

FIG. 20 is a diagram of the control base of the bassinet.

FIG. 21 is a diagram of the remote control that comes with the bassinet.

FIG 22 is a diagram of a plastic stub piece.

FIG 23 is a diagram of a screw.

FIG. 24 is a diagram of the entire bassinet, pointing out all the figures.

DETAILED DESCRIPTION OF THE DRAWINGS

FIG. 1A is a diagram side view of the mattress support of the bassinet, made of durable, sturdy plastic. The right side square-like slot is where FIG. 19 will be inserted into, the left round-like open slot is where FIG. 18 will be inserted into. The front portion shows where FIG. 20 will be inserted, showing the open spaces where the wires will be inserted into, which will already be assembled. This piece will require 4 big screws, 2 on each side to hold the pieces together to the top holes of FIG. 17A and FIG. 17B.

FIG. 1B is a diagram top view of the mattress support of the bassinet, made of durable sturdy plastic. The side slots are disclosed on both sides, which is the square-like slot where FIG.19 will be inserted into. The open slots are disclosed showing where FIG. 18 will be inserted into on both sides. The front portion shows where FIG. 20 will be inserted. There are eight snaps in the middle that will be attached to the eight snaps

shown in the center of FIG. 3. This piece will require 4 big screws, 2 on each side to hold the pieces together to the top holes of FIG. 17A and FIG. 17B.

FIG. 1C is a diagram of the bottom view of the mattress holder. The four squares on the corner shows where this mattress supporter will be inserted into FIG. 17A and FIG. 17B. The front square is showing the open spaces where the wires will be inserted into to be attached to FIG. 20. This portion of the bassinet is a connect piece that will be inserted on top of FIG. 16. This piece will require screws on all sides to hold the pieces together, as mentioned in FIG. 1A and FIG. 1B.

FIG. 2 is a diagram of the mattress which will be inserted into FIG. 1A, FIG. 1B, and FIG. 1C. This mattress is 2 inches thick and will be made of very sturdy vinyl, so the mattress will not slump after a period of time of baby laying on the mattress.

FIG. 3 is a diagram of the fabric that will be inserted into and around FIG. 1A, FIG. 1B, FIG. 1C. There are eight snaps in the middle that will be attached to the eight snaps shown in FIG. 1B. The entire piece is made of a specific material, the middle portion in the middle of the snaps will be a thinner material. The fabric hanging on the right is shaped to go under FIG. 1A, FIG. 1B, FIG. 1C and FIG. 16 to come around and snap on it's left side, where there are four snaps it connects to. This piece will be inserted first before FIG. 2 is placed in and the hanging right side will not be attached until FIG. 1A, FIG. 1B, and FIG. 1C and FIG. 16 is connected.

FIG. 4 is a diagram of a metal bar that is made lightweight and durable. This piece

must be inserted into each top piece of FIG. 5 and each top piece of FIG. 6. This will attach to the top holes of the bottom of FIG. 17A and FIG. 17B and will require a total of 4 large screw and 4 stubs.

FIG. 5 is a diagram of the curtain that will go on both sides of the bassinet, this material is made of fabric material. On each side of the curtains, there will be hanging fabric that will be attached to FIG. 6 to hold the curtains in place. The square piece shown is the Velcro piece that will be on the opposite side to hook to FIG. 6 and the open hole is where the button from FIG. 6 will be inserted into to keep the curtains in place. The curtains will slide based on the attachment of FIG. 4 and the attachments of FIG. 8 and will stay in place by the screwing of FIG. 4 and FIG. 8 to both sides of FIG. 17A and FIG. 17B.

FIG. 6 is a diagram made of fabric along with 4 stretched fabric pieces on all four corners; there is a total of 2 fabric pieces. The top stretched pieces will be attached to FIG. 4 to keep the pieces in place. The bottom stretched pieces will be attached to FIG. 8 to also keep the pieces in place. This piece will be screwed in with FIG. 4 and FIG. 8 to keep these pieces together on both front and end of FIG. 17A and FIG. 17B. The fabric piece will have a square piece and a button on the top left and right side of the fabric, so FIG. 5 can attach it's Velcro piece and button insert piece to it.

FIG. 7 is a diagram of the motor and the pieces attached to the motor. This piece is made of metal. The motor will be placed in the middle and will have a bar on each side along with a designer metal piece to be inserted into both sides of shown FIG. 17B.

The designer metal piece will need to be screwed into FIG. 17A and FIG. 17B to stay in place. There are holes on the left top side of the designer metal piece for the wires to be inserted into to go through FIG. 17A and FIG. 17B and FIG. 1A, FIG. 1B, and FIG. 1C to be attached to FIG. 20. This piece will require 4 small screws and 4 stubs once attachment is completed to FIG. 17A and FIG. 17B.

FIG. 8 is a diagram of the bottom base of the bassinet, made of sturdy, durable plastic that will hold the bottom of FIG. 5 and FIG. 6 and will be attached by screws to FIG. 17A and FIG. 17B. The sides of this piece comes apart to insert the bottom of FIG. 5 and allowing it to slide back and forth. The inside top of this base also has the attachment slots for FIG. 9, FIG. 10, FIG. 11, FIG. 12, FIG. 13, FIG. 14 and FIG. 15 to hold in place. These slots are detachable for cleaning of those figures. The bottom of the base is where FIG. 7 will inserted into. Both sides will have a hole, so the motor, metal bar piece and metal designer piece of FIG. 7 will be able to go through, which will already be assembled. This bottom piece will also hold the wiring of FIG. 20 in place, the connecting wires will go through the left side of FIG. 7 and through the front of shown FIG. 17A and through shown FIG. 1A and FIG. 1C to be inserted into FIG. 20. The right bottom corner is where the plug wire will be placed inside a closed storage and will require a screw to take it out to plug into the wall. This entire piece will require a total of 4 large screws, 5 small screws and 4 stubs.

FIG. 9 is a diagram of a rectangular solid, but flexible plastic piece that will be inserted into the left slot of FIG. 8 and is made to hold the baby wipes, but can be used for other uses. This piece is detachable for washing purposes.

FIG. 10 is a diagram of a rectangular solid, but flexible plastic piece that will be inserted into the right slot of FIG. 8 and is made to hold the baby diapers, but can be used for other uses. This piece is detachable for washing purposes.

FIG. 11 is a diagram of a rectangular solid, but flexible plastic piece that will be inserted into the middle slot of FIG. 8 and is made to hold the baby blankets, but can be used for other uses. This piece is detachable for washing purposes.

FIG. 12 is a diagram of a rounded solid, but flexible plastic piece that will be inserted into the bottom left side of FIG. 8. This piece is smaller and is made for the 4 ounce thinner baby bottles. This piece is detachable for washing purposes.

FIG. 13 is a diagram of a rounded solid, but flexible plastic piece that will be inserted into the top right side of FIG. 8. This piece is smaller and is made for the 4 ounce thicker or wider and oddly shaped baby bottles. This piece is detachable for washing purposes.

FIG. 14 is a diagram of a rounded solid, but flexible plastic piece that will be inserted into the top left side of FIG. 8. This piece is taller and is made for the 8 ounce thinner baby bottles. This piece is detachable for washing purposes.

FIG. 15 is a diagram of a rounded solid, but flexible plastic piece that will be inserted into the bottom right side of FIG. 8. This piece is taller and is made for the 8 ounce

thicker or wider and oddly shaped baby bottles. This piece is detachable for washing purposes.

FIG. 16 is a metal lightweight durable piece that will be attached to the top, bottom holes of FIG. 17A and FIG. 17B. This piece will hold FIG. 1A, FIG. 1B and FIG. 1C in place, the connection is shown in FIG. 1C. This requires 4 large screws and 4 stubs for screwing on the outside sides of both sides of FIG. 17A and FIG. 17B. FIG. 3 will be wrapped around this piece once FIG. 1A, FIG. 1B, and FIG. 1C is attached.

FIG. 17A is a diagram which is made of sturdy, durable plastic, shown on the outside view, which has 2 pieces and is the main part that holds the entire pieces of the bassinet together. The top portion of the bassinet will hold FIG. 1A, FIG. 1B, and FIG. 1C on top of FIG. 16. FIG. 16 will be inserted into the top, bottom holes shown and will be screwed together on the outside. FIG. 1A, FIG. 1B, and FIG. 1C will be attached to the top holes of this piece and screwed in on the outside. This piece will also hold the FIG. 5 on the bottom right and left side and FIG. 4 will be attached to the bottom, top holes with the top attachments of FIG. 5 and FIG. 6. The bottom holes will be attached to the bottom attachments of FIG. 5 and FIG. 6, which will be attached to FIG. 8.

FIG. 17B is a diagram which is made of sturdy, durable plastic, shown on the inside view, which has 2 pieces and is the main part that holds the entire pieces of the bassinet together. The top portion of the bassinet will hold FIG. 1A, FIG. 1B, FIG. 1C on top of FIG. 16. FIG. 16 will be inserted into the top, bottom holes shown and will be screwed together on the outside. FIG. 1A, FIG. 1B, and FIG. 1C will be attached to the top

holes of this piece and screwed in on the outside. This piece will also hold the FIG. 5 on the bottom right and left side and FIG. 4 will be attached to the bottom, top holes with the top attachments of FIG. 5 and FIG. 6. The bottom holes will be attached to the bottom attachments of FIG. 5 and FIG. 6, which will be attached to FIG. 8.

FIG. 18 is a diagram of the canopy that will be made of fabric. The top portion will have ruffles and will have flexible, bendable plastic inside, 2 will be already inserted into the canopy to create the movement to come up and down easily; 1 will come down to the end open slots, so the plastic piece will come out of the fabric and attached to shown FIG. 1A and FIG. 1B open slots. The back part of the bassinet will be sown close together, so this will attached to the back of Shown FIG. 1A and FIG. 1B to keep in place. This piece will also have 3 hanging toys, showing toys are a moon, a star and a diamond, but the designs can change based off the fabric design used. The hanging toys will light up in different colors, controlled by battery in each piece and these colors will also be based off the fabric design used.

FIG. 19 is a diagram of the microphone to be inserted into both sides of shown FIG. 1A and FIG. 1B, inserted in the square-like insert; there will be a total of 2 microphones, 1 to go on each side. This piece is a wireless small piece that can pick up a voice, each piece can be taken off and turned off and on at any time.

FIG. 20 is the control base function of the entire bassinet, which the wiring will come from FIG. 8, where the control wires are. The left side of the control functions features the timer, up to 20 minutes, includes 2 speakers and the slow, medium and fast rocking

motions of the bassinet. The right side of the control functions features the on and off button of the vibration, 2 speakers and the slow, medium and fast vibration motions. The middle of the control functions has the tape player on top, followed under is the tape turn over button, the record, the play, the rewind, the fast forward, the stop, the pause and the eject button. Below the tape functions is the classic music selections box. This box is numbered up to 10, 1 through 8 is the music and 9 and 10 is the soothing noises. On the left side of the music selection is a box that gives the option to play the music continuously, which is called continuous play, on the right side of the music selection is a box that gives the options to choose the selected choice of songs or sounds. Below from the classic music selection box has the down volume control on the left and the up volume control on the right. In the center is the selection button to choose whether the music will be played, the tape will be played or both will be off.

FIG. 21 is a diagram of the remote control that will come with the bassinet that will have the main control functions as FIG 20.

FIG. 22 is a diagram of a lose plastic stub that will be attached to FIG. 23. This piece will be attached after the assembly of the bassinet is complete. The color will be the same as the entire bassinet to blend in and will cover the entire piece of FIG. 23 so the screws will not be shown. There will be a total of 12 stubs.

FIG. 23 is a diagram of a lose screw that will bring all the figures of the bassinet together and keep in place. This piece will be covered by FIG. 22 after assembly is complete. There will be a total of 17 screws, 9 small screws and 8 large screws.

FIG. 24 is a diagram of the entire bassinet completely assembled, the numbers shown are the numbers that represents each Figure listed.